

September 26, 1960

Memo to File

Call from Dunkelmann: He is now at Goddard Space Flight Center. He apologized for having been so late in answering my letter but this call more than makes up for it. He first indicated that there are many new developments coming forth in filters for the ultraviolet. For example, he is going to send some more information on a crystal filter consisting of $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ that does rather better than any of the solutions and may be quite apt for our purposes. He also said that Axler, Spectralab, and Bausch and Lomb are all working on improvements in interference filters for the ultraviolet and he was quite optimistic there. He also said they may have some doped alkali halide filters with band widths of about 150 \AA that may be apt for our purposes. He is sending the requisite information and will follow up with some samples and on the whole he sounded very interested and cooperative. I asked him about the possibility of coming out to our exobiology meeting on October 29 and it turns out that this is a reasonably good possibility and unless he says otherwise, he will be coming. I put him in touch with George Derbyshire for any details. I also asked him if he knew anything about technique for rapid scanning of spectra such as we might use with the microscope and he thought there were some developments which he will look up and let us know.